NETGEAR®
ProSAFE®
BUILT FOR BUSINESS

Features

The NETGEAR® ProSAFE® WN203 Wireless-N Access Point provides standalone configuration for easy setup for a reliable, high-performance and affordable 802.11n wireless solution for small or medium businesses. Power over Ethernet enables flexible deployment and multiple SSID provide enhanced security.

High performance and superior coverage

- Up to 15x the speed of 802.11g networks
- Up to 10x the coverage of legacy 802.11g networks

Comprehensive security

- Supports wireless security features (WPA, WPA2)
- Enterprise-grade wireless security with 802.1x and Radius servers

Ease of deployment

- Power over Ethernet (PoE) support to eliminate external power adapters
- Ease of AP placement for optimal locations (desktop, wall, or ceiling mount)
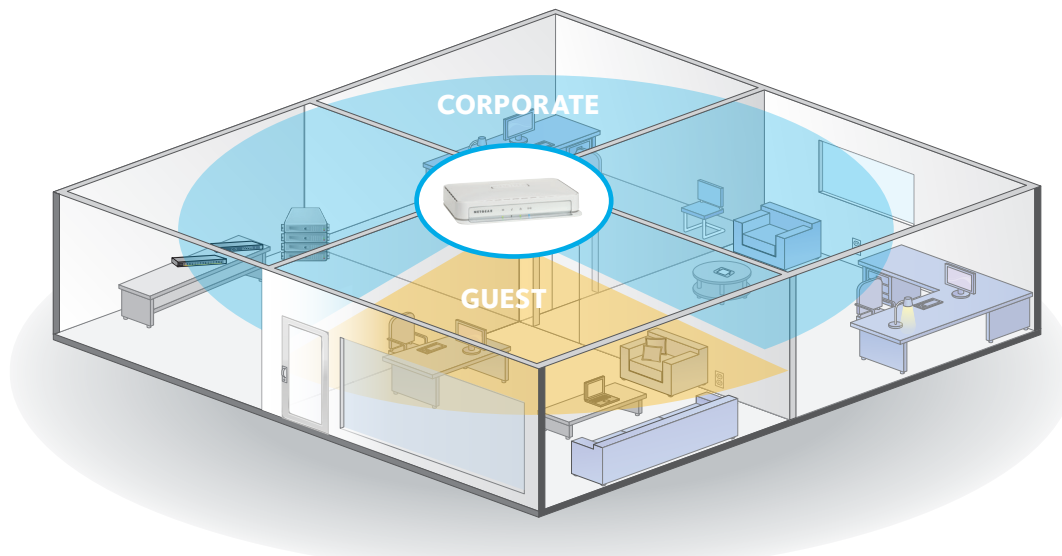- Mounting slots available for wall or ceiling placement

Business-grade and feature-rich

- Multiple SSID for traffic segmentation
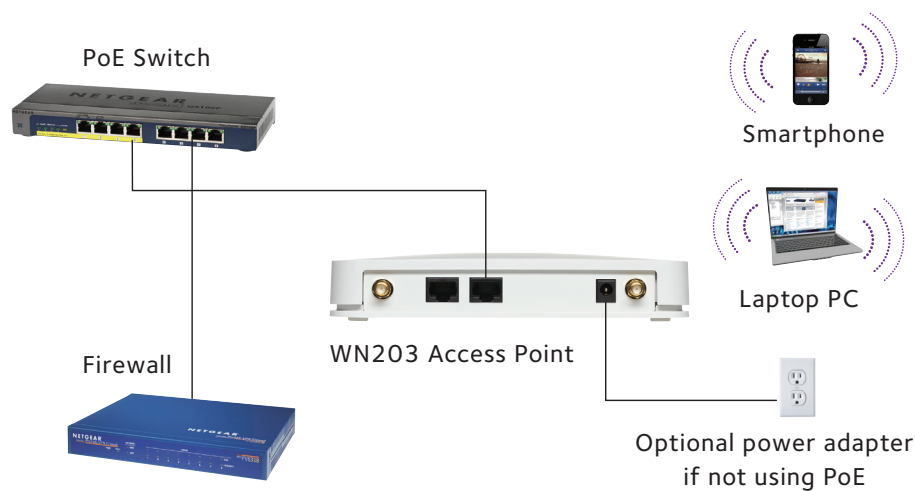- Layer 2 VLAN for better security

Industry-leading warranty

- NETGEAR ProSAFE Lifetime Hardware Warranty

Standalone AP Deployment

CORPORATE

GUEST

The NETGEAR ProSAFE line of business networking products offers a wide array of easy-to-use, professional-grade switching, wireless, software and security solutions. Backed by a lifetime hardware warranty for the original purchaser, ProSAFE products provide an abundance of intelligent, innovative and practical features, addressing the unique requirements of business networks.

LIFETIME WARRANTY®

ProSAFE® WN203 Business Class 802.11n Wireless Access Point

PoE Switch

Smartphone

Laptop PC

Firewall

WN203 Access Point

Optional power adapter
if not using PoE

Technical Specifications

Physical Characteristics

Power
- Country-specific plug: 12 watt, 12V, 1 Amp power adapter
- Power over Ethernet
- Power consumption: 4.0W

Physical Dimensions
- Dimensions (L x W x H): 173 x 133 x 35 mm (6.8 x 5.3 x 1.4 in)

Weight
- Weight: 240 g (0.5 lb)

Mounting
- Desktop, wall, and ceiling

Interfaces and Indicators

Physical Interfaces
- One (1) 10/100/1000BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X) with IEEE 802.3af
- Power over Ethernet (PoE) support
- Two (2) reverse SMA antenna connectors

LEDs
- Power, test, LAN, wireless

Default Reset

Environmental Conditions

Operating Temperature
- Minimum (C/F) 0/32
- Maximum (C/F) 45/113

Storage Temperature
- Minimum (C/F) –20/–4
- Maximum (C/F) 70/158

Operating Relative Humidity
- Minimum 10%
- Maximum 90%

Storage Humidity
- Minimum 5%
- Maximum 95%

MTBF
- @ 25 degrees C > 375,000 hours
- @ 50 degrees C >125,000 hours

RF Characteristics

Standards
- IEEE® 802.11n 2.0 specification
- IEEE 802.11g
- IEEE 802.11b

Frequency Band
- 2.4 G Hz

802.11n Transmit x Receive
- 2x2

Maximum Theoretical Throughput
- 300 Mbps

Maximum Transmit Power
- 22 dBm @ 802.11b (1 Mbps)
- 21 dBm @ 802.11g (6 Mbps)
- 21 dBm @ 802.11n (MCS0)

Network Management

Deployment options
- Standalone
- Web UI

SSL

SNMP
- SNMP v1, v2 with 802.11 standard and proprietary MIBs
- Remote configuration and management through Web browser, or SNMP

Features

Wireless
- IEEE 802.11 b/g/n 300 Mbps† Wireless Access Point
- Antenna: 3 dBi (internal) with additional (2) 2.4 GHz detachable antenna connectors

Advanced Wireless
- WDS Point-to-point wireless bridge mode
- WDS Point-to-multipoint wireless bridge mode
- WDS Repeater mode
- Adjustable Transmit Power Control (TPC)

Technical Specifications

Security

- Wired Equivalent Privacy (WEP) Encryption
- WiFi Protected Access Pre-shared Key (WPA-PSK, WPA2-PSK)
- Rogue AP detection
- IEEE 802.1x Authentication
- MAC Address filtering
- 8 BSSID
- IEEE 802.1x Radius (EAP TLS, TTLS, PEAP)
- Wireless access control to identify authorized wireless devices

MAC ACL

Wireless Client Mode

VPN Pass-through

VLANs

- 64

802.11e WMM

- (Wireless multimedia mode) for QoS

Simultaneous Bridge / Client Association

Bandwidth Management

Package Contents

- ProSAFE® Business Class 802.11n Wireless Access Point (WN203)
- Ethernet cable
- Desktop and wall mounting kits
- Installation guide
- Resource CD
- Power adapter, localized to country of sale
- Warranty/support information card

Warranty and Support

Warranty

- Access Point: NETGEAR Lifetime Warranty
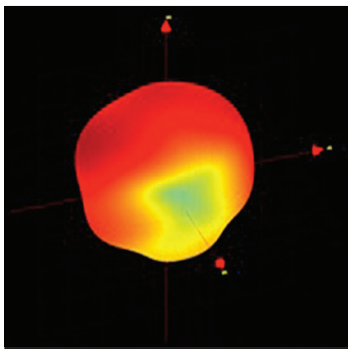- Power supply: NETGEAR 3-year Warranty

Safety Certification
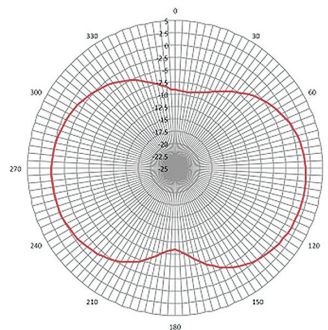
- UL/cUL, CE (EN60950-1)

Optional Support

- PMB0351: 5 years OnCall 24x7
- PMB0331: 3 years OnCall 24x7
- PMB0311: 1 year OnCall 24x7
- PRR0351: 5 years XPressHW
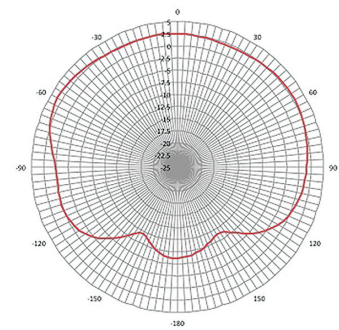- PRR0331: 3 years XPressHW

Product Ordering Information

- WN203-100AUS
- WN203-100NAS
- WN203-100PES
- WN203-100PRS
- WN203-100UKS

3D Antenna Pattern

Azimuth Pattern

Elevation Pattern

*The Lifetime Hardware Warranty only covers hardware, fans, and internal power supplies, and does not include external power supplies or software.Hardware modifications or customization void the warranty. The warranty is only valid for the original purchaser and cannot be transferred.

Basic technical support provided for 90 days from the date of purchase.

†Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

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